



HILLSIDE PRIMARY SCHOOL

PRE-REGISTRATION EXAMINATIONS 2024

ENGLISH (SET ONE)

Time Allowed: 2 Hours 15 Minutes

Name.....**STREAM**.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

Sub-section I

(Questions 1 to 50 carry one mark each)

For each of the questions 1 to 5, complete the sentence with the most suitable word.

1. The will examine my red eyes and suggest medication.
2. The hungry goats aloud for the herder's attention last afternoon.
3. Passengers are warned against from moving vehicles.
4. Hardly had we entered the when the film began.
5. The bull panicked and broke as soon as it saw the approaching butcher.
6. The candidates were told to wait the shade.

In questions 7 to 15, use the word in brackets to complete sentences correctly.

7. The media in exposing the victim's identity. (error)
8. This cartoon is than we thought. (fun)
9. He was very about the trouble he had caused. (apology)
10. The old man walks than the old woman. (quick)
11. I am able to understand Kathy due to her (open)
12. My elder brother was nearly bitten by a dog. (rabies)
13. Timothy bathe at midday yesterday. (must)
14. The tailor cut and the long cloths on the nail. (hang)
15. Of the triplets, Kakuru is (shabby)

For questions 16 and 17, rearrange the words in alphabetical order.

16. brakes, broken, braked, brood

.....
.....
.....

17. dyeing, tying, dying, dyed

.....
.....
.....

In each of questions 18 and 19, rearrange the words to make a meaningful sentence.

18. anyhow safe not is crossing road the.

.....
.....
.....

19. argumentative I and dislike mother people my.

.....
.....
.....

For each of the questions, 20 and 21, write the given abbreviation in full.

20. via

21. ID

In questions 22 and 23, rewrite the sentences giving the opposite of the underlined words.

22. The tourists failed in crossing the fast-flowing river.

.....
.....
.....

23. The butcher's was closed when I passed by.

.....
.....
.....

For questions 24 and 25, rewrite and give the plural form of the underlined.

24. A louse is a tiny insect.

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.....

25. The ox helped a lot on the farm.

.....
.....

For questions 26 and 27, use each of the words in a sentence to show that you know their meaning.

26. sealing

.....
.....

27. ceiling

.....
.....

In questions 28 to 30, rewrite the sentences giving a single word for the underlined words.

28. The sound and noises of the donkeys woke up the baby.

.....
.....

29. The patient had a mango, a banana, an apple for supper.

.....
.....

30. The forks, spoons and knives are being washed now.

.....
.....

For questions 31 to 50, rewrite the sentences as instructed in brackets.

31. Neither Anitte nor Abiriga passed the exams.

(Rewrite the sentence beginning: Both.....)

.....
.....

32. The debater is very short. The audience cannot see him.

(Join the sentences usingtoo.....to.....)

.....
.....

33. Children still don't follow traffic rules. They learn about them.

(Rewrite the sentence beginning: In spite.....)

.....
.....

34. No sooner had the phone rung than daddy answered the call.

(Rewrite the sentence beginning: As soon as.....)

.....
.....

35. Tom sang a nice song. (Rewrite the sentence ending; by Tom.)

.....
.....

36. Ntongo prefers playing football to peeling matoke.

(Rewrite the sentence using: would rather.....)

.....
.....

37. The cyclist was careful. The motorcyclist was also careful.

(Rewrite as one sentence using;as well as.....)

38. None of the candidates was late for the examination.

(Rewrite the sentence beginning: All.....)

39. We started learning English seven years ago. We are still learning

English. (Rewrite as one sentence usingfor.....)

40. Who owns that saloon car? (Rewrite the sentence beginning: To.....?)

41. We should protect our property ourselves.

(Rewrite the sentence beginning: One.....)

42. The knife is very blunt. The knife cannot cut a thing.

(Join the sentences using:so.....that.....)

43. Ketra's niece is a cashier at the bank. (Rewrite beginning: A niece.....)

44. I met an ugly tourist. He had a dark skin. He was Rwandan.

(Rewrite as one sentence without using 'who', 'and', that)

45. We waited for a long time. (Rewrite the sentence using:not.....)

.....
.....

46. Express scored two goals. Villa scored two goals.

(Rewrite the sentences beginning: Both.....)

.....
.....

47. The old farmer will plant the seeds if it rains.

(Rewrite the sentence ending;if it rained.)

.....
.....

48. why the teacher asked do you use abusive language

(Rewrite and punctuate the sentence correctly.)

.....
.....

49. I did fitness exercises one after the other. I looked good.

(Rewrite the sentences beginning; The more.....)

.....
.....

50. Mr. Otai wore the red raincoat. He walked out.

(Join the sentences beginning: Having.....)

.....
.....

SECTION B (50 MARKS)

- 51.** Read the passage below and answer questions in full sentences.

OUR FIRST TERM, 2017

This term has been very short but busy. This term began on the morning of Monday, 6th February, 2017.

I woke up very early that day and rode on a boda boda to school. I was surprised to find that more than twenty pupils had already registered with my teacher, Mr. Kafeero of Primary Six, when I reached school at 6.30am.

Later in the week, the programmes of the term were read to us. These included the music festival. Preparation began soon after and the festival took place on 9th March 2017, for the nursery classes up to P.4, the following day, P.5 and P.6 had their festival. The results were announced on 15th March, 2017 during the morning assembly. Yellow House beat all houses and took the trophy. The trophy was handed over to the winners the next day.

We had several public holidays that term. These included: March 8th which is the Women's Day, Good Friday on 14th April and Easter Monday on 17th April. The day I enjoyed most was Easter which was 16th of April. On this day, I visited my friend who lives in Muyenga and we had our lunch at Hotel Africana. The PLE, O-level and A-level examination results were also released during that term. So, we had a lot of celebrations at school since our school had performed very well in PLE.

I am looking forward to a more exciting term two.

Questions

1. In which class is the writer of the composition above?

.....
.....

2. How did the writer travel to school on the first day of the term?

.....
.....

3. When is Women's Day celebrated every year?

.....
.....

4. How many children of P.6 reached school before 6.30am on the first day?

.....
.....

5. On what date did the P.5 and P.6 festival take place?

.....
.....

6. Which house won the Music festival?

.....
.....

7. In which hotel did the writer and the friend have lunch on Easter?

.....
.....

8. In which month was Easter?

.....
.....

9. Which public holiday was 16th April, 2017?

.....
.....

9. When did the winning house receive the trophy?

.....
.....

10. Why do you think Hillside had to celebrate when the results were released?

.....
.....

52. Read the information below and answer questions in full sentences.

Lucida visited Mangarita Hotel in Bundibugyo on Saturday, 3th March, 2007. He reached there at 7 pm. He had supper, spent there one night and had breakfast before he left for Masaka at 8 am the following day. Study the Menu of the hotel below and the accommodation charges and answer the questions in full sentence.

MENU

Meals

Breakfast

Black tea	-	500/= a cup	- 1 night	-	2,000/=
Milk tea	-	1000/= a cup			
Soda	-	700/= a cup	- 2 nights	-	3,500/=
Juice	-	800/= a glass			
Toast	-	700/= a piece	more than 2 nights	1,500/=	
Chapati	-	400/= each	each extra night		
Samosa	-	500/= each			
Fried eggs	-	400/=			

Lunch/Supper

Matooke + chicken	3,000/= a plate
Matooke + fish or meat	2,500/=
Rice and peas	1,500 a plate
Posho and beans	1,000/= a plate

1. Where is Mangarita Hotel?

.....
.....

2. On what date did Lucida leave the hotel for Masaka?

.....
.....

3. How many nights did Lucida spend at the hotel?

.....
.....

4. At what time did he arrive at the hotel?

.....
.....

5. How much money did Lucida pay the hotel for accommodation?

.....
.....

6. If Lucida ate a plate of posho and beans for supper and a glass of juice, how much money did he pay?

.....
.....

7. Lucida took a cup of milk tea and one samosa for breakfast. How much money was his bill?

.....
.....

8. What is the most expensive meal at the hotel?

.....
.....

9. How much is a glass of juice?

.....
.....

10. Where did Lucida go in the morning?

.....
.....

53. Rearrange the following sentences to make a good stories.

- i. Hillside Primary School-Naalya is a busy school.
 - ii. We look forward to seeing everybody there.
 - iii. It will take place on 18th Sat. and 19th Sunday August.
 - iv. It is being prepared by the Music, Dance and Drama teachers.
 - v. In term three, swimming is the song.
 - vi. However, this year 2015, term two will be the school production.
 - vii. Music takes place in term one and sports in term two.
 - viii. Each activity is done termly.
 - ix. It is always involved in many activities.
 - x. Some of the activities include music, sports and swimming.

54. Read the poem below and answer the questions about it in full sentences.

THE STRANGER

Mother, there's a strange man

Waiting at the door

With a familiar sort of face

You feel you've seen before.

Says his name is Jesus

Can we spare a couple of bob

Says he's been made redundant

And now can't find a job.

Yes, I think he is a foreigner

Egyptian or Jew

Oh aye, and that reminds me

He'd like some water too.

Well shall I give him what he wants

Or send him on his way?

Ok I'll give him 5 pence

Say that's all we've got today.

By Roger Gough: Three Rusty Nails

1. To whom was the poet talking?

.....
.....

2. What was the stranger's name?

.....
.....

3. What nationality could the stranger have been?

.....
.....

4. What couldn't the stranger find?

.....
.....

5. Apart from money, what else did the stranger need?

.....
.....

6. How much money was the stranger given?

.....
.....

7. From which book was the poem?

.....
.....

8. Who wrote the poem?

.....
.....

9. What word rhymes with bob in stanza two?

.....
.....

10. Write the full form of the contraction below as used in the poem.

He'd

55. Read through the passage below twice before filling in the most suitable words.

THE LOST PEN

It was early morning. We had just entered the room for the SST examination. The invigilator came in and started serving the examination papers. He then told us to wait until the.....is run.

When the bell, I a short prayer before picking my geometry set to get out my pen. To my....., thewas not there. "Calm down," I whispered to myself. May be it was under the instruments. I started removing the instruments one by Nothing was there.

I put my arm to call the attention of the invigilator. He hurriedly came to me and asked me what the.....was. "I can't see my pen," I answered. The.....saw my fear. Then he said, "Check behind your ear." And sure thing, there it was perched and quiet as quiet would be.



**HILLSIDE PRIMARY SCHOOL
PRE-REGISTRATION EXAMINATIONS
2023**

SOCIAL STUDIES WITH RELIGIOUS EDUCATION(SET ONE)

Time Allowed: 2 Hours 15 Minutes

Name..... Stream

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31- 40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A: (40 MARKS)

1. Name the newest member state of East African Community.

.....

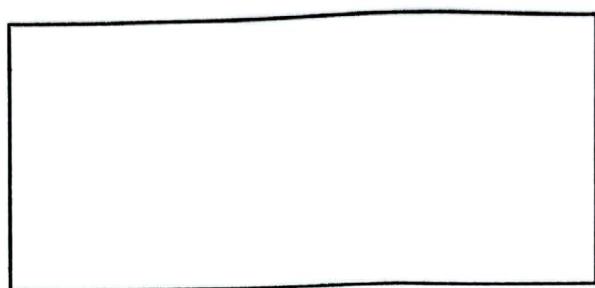
2. Why is air transport suitable for transporting perishable goods?

.....

3. How important is weather forecasting to crop farmers?

.....

4. Draw the map symbol for canal in the space below.



5. Give any one way Sir Samuel Baker helped to stop slave trade in Acholi.

.....

6. What was the main inland slave trade market in East Africa?

.....

7. Give any one factor that led to the growth of Buganda Kingdom.

.....

8. State the month when the sun is directly overhead the Tropic of Cancer.

.....

9. Why does the government of Uganda carry out national population census?

.....

10. Which sea port of DRC handles Uganda's goods?

.....

11. State any one duty of a Town Clerk to a municipality.

.....

12. How are mountains important to the tourism sector of a country?

.....

13. Why did Tanganyika get independence earlier than other East African countries?

.....

14. Give any one benefit a country gets from foreign investors.

.....

15. If the time at Prime Meridian is 10:00pm. What time will it be in Kampala City?

.....

16. Who was the last British governor of Kenya?

.....

17. Give any one economic activity carried out at Port Mombasa.

.....

18. Define the term “Hansard”.

.....

.....

19. Why should every country have a national language?

.....

.....

20. Under which ministry do Game parks belong?

.....

21. Give the reason why ocean waters are usually salty?

.....

22. Under which ministry are all Game parks of Uganda?

.....

23. How does land fragmentation hinder large scale farming?

.....

24. Where was the body of Dr. David Livingstone buried?

.....

25. With how many countries does East Africa share its borders?

.....

26. Name the current minister for Primary Education.

.....

27. How does rural electrification reduce poverty rates in a country?

.....

28. Name the cradleland for the Nilotics.

.....

29. Mention any one way one can become a citizen in a country.

.....

30. Who was the first European explorer to see Lake Kyoga?

.....

31. Mention one Hydro Electric Power station located on River Tana.

.....

32. In which stone age period did early man discover fire?

.....

33. Give the value of traffic lights installed on major roads in city centres.

.....

34. State any one reason why grass is planted in the school compound.

.....

35. Name the flag which was replaced with the Union Jack.

.....

For questions 36-40, answer Either Christianity or Islamic but not both.

36. Either: Where did God put Adam after creation?

.....

Or: Where did Allah put Adam after creation?

.....

37. Either: What is transfiguration?

.....

Or: What is Umra?

.....

38. Either: Why should you forgive those who do wrong to you?

.....

Or: Why should you forgive those who do wrong to you?

.....

39. Either: Name the son of Adam who replaced Abel.

.....

Or: Name the son of Adam who killed Habeel?

.....

40. Either: In which town was the body of Jesus Christ buried?

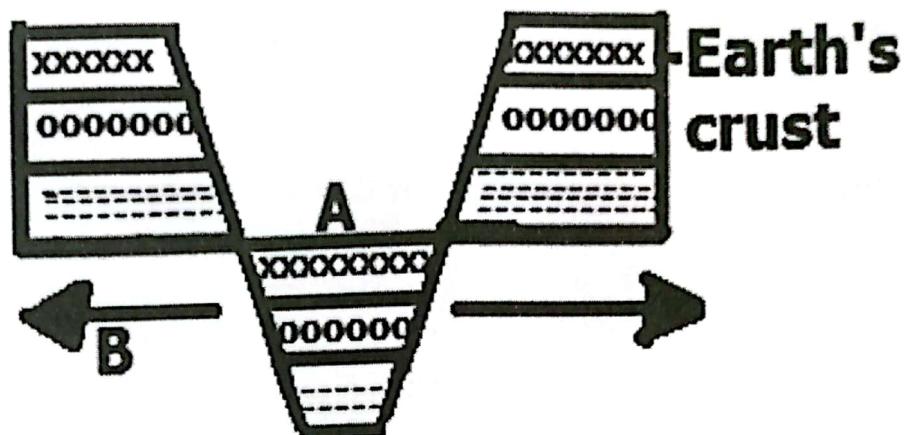
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Or: In which town was the body of Prophet Mohammed buried?

.....

SECTION B: (60 MARKS)

41. Use the drawing below to answer the questions that follow.



a) Name the physical feature marked with letter A.

.....

b) Which forces are shown by the arrows?

.....

c) Give any one lake in Ethiopia located in feature marked A.

.....

d) How does physical feature labelled A hinder the development of an area?

.....

42. a) What do we call the scientific study of climate?

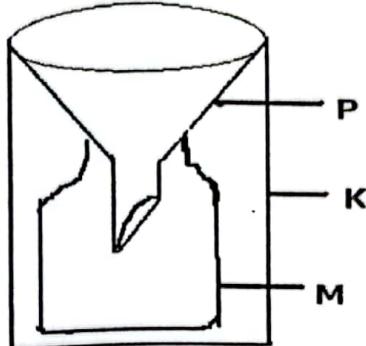
.....

- b) State any two factors that influence the climate of an area.
- i)
- ii)
- c) Why do people in Equatorial regions build houses with slanting roofs?
-

43. a) Mention the method used to extract crude oil from underground.
-
- b) Give two ways mining supports the economic development in a country.
- i)
- ii)
- c) Of what economic importance is Mwadui to Tanzania?
-

44. a) Which common market was replaced with the EAC?
-
- b) State any two reasons why countries form common markets.
- i)
- ii)
- c) Name the headquarters of IGAD.
-

45. Study the weather instrument below and answer questions about it.



a) Name the weather instrument drawn above.

.....

b) What is the use of the weather instrument named in (a) above?

.....

c) Why should the above instrument be placed 30cm above the ground?

.....

d) Why isn't the above instrument kept in a Stevenson screen?

.....

46. a) What do we call the total number of people living in an area per square kilometer?

.....

b) State two ways the government can check population growth rate.

(i)

(ii)

c) Name the body which was set up in Uganda to carry out National census

.....

47. a) Which colonial system of governance was used in Uganda?

b) Why did the French colonialists use the above method in Uganda?

c) Mention any two ways the above system was applied in Uganda.

i)

ii)

48. a) Give any two type of leaders that come into power through an election.

i)

ii)

b) What are by-elections?

c) Why should the EC carry out voter education before the voting exercise?

49. a) State any two causes of environmental degradation.

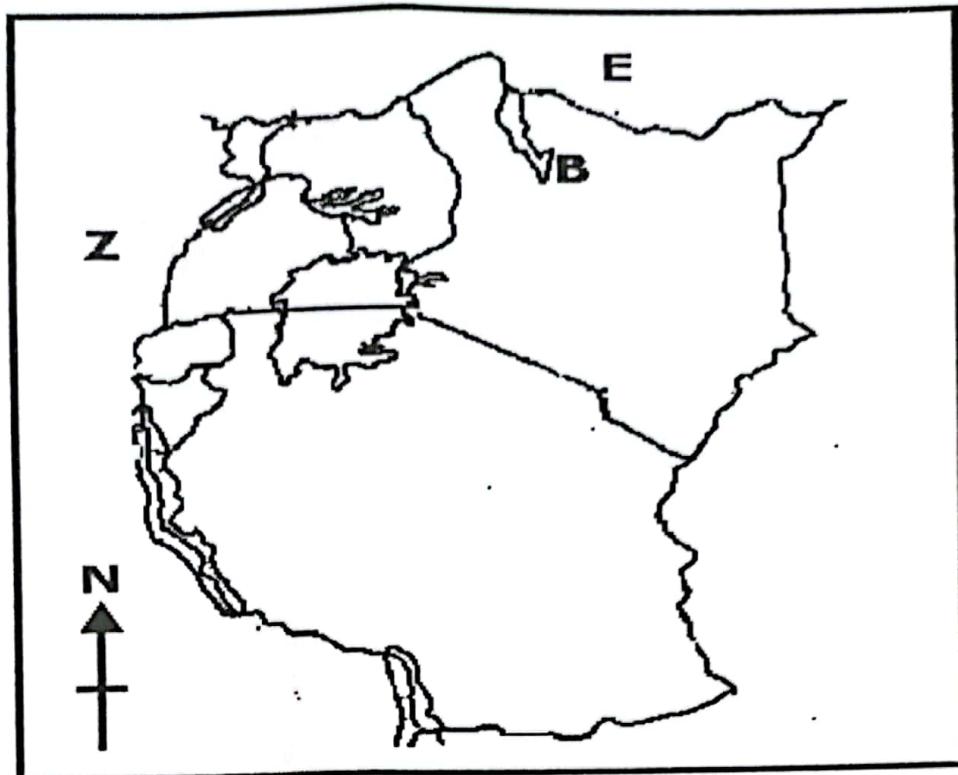
i)

ii)

b) Write any one danger caused by environmental degradation.

c) Why are people advised to plant more trees on steep slopes of mountains?

50. Study the map below and answer the questions that follow:



a) Give any one characteristic of lake marked B?

.....

b) What is the capital city of country marked E?

.....

c) Why does country marked Z experience heavy rainfall throughout the year?

.....

.....

d) Use letter W and indicate the deepest lake in East Africa.

For questions 51-55, answer Either Christian or Islamic questions on a number.

51. Either: a) Name the prayer Jesus taught his disciples.

b) Give two requests Christians make through the above prayer.

i)

ii)

c) Why did Jesus teach his disciples how to pray?

Or: a) State two of the daily obligatory prayers in Islam.

i)

ii)

b) In which direction do Moslems face while praying?

c) Explain why Moslems separate according to gender while praying.

52. Either: a) What do we call the short stories used by Jesus in his teaching?

b) State any two examples of the above stories told by Jesus Christ.

i)

ii)

c) Give a reason why Jesus used stories in his teachings.

Or: a) What do we call a record of the sayings of Prophet Muhammad.

- b) State any two examples of recorded sayings of Prophet Muhammad..
- i)
- ii)
- c) Give a reason why Prophet Muhammad used stories in his teachings.
-

53. Either:

a) Give two ways God communicates to man.

- i)
- ii)

b) In which two ways can man communicate to God?

- i)
- ii)

Or: a) Give two ways Allah communicates to man.

- i)
- ii)

b) In which two ways can man communicate to Allah?

- i)
- ii)

54. Either:

a) Mention any two duties of UJCC

- (i)
- (ii)

b) State any two problems faced by UJCC.

- i)
- ii)

Or: a) Mention two duties of UMSC.

(i)

(ii)

b) Give any two problems faced by UMSC.

i)

ii)

55. Either: a) What is reconciliation?

.....
.....

b) Mention any two ways of reconciliation in our societies

i)

ii)

c) Give any one benefit of reconciliation

.....

Or:

a) What is reconciliation?

.....
.....

b) Mention any two ways of reconciliation in our societies

(i)

(ii)

(c) Give any one benefit of reconciliation

.....

END



HILLSIDE PRIMARY SCHOOL-NAALYA

PRE-REGISTRATION EXAMINATIONS

2023

MATHEMATICS (Set one)

Time Allowed: 2 Hours 30 Minutes

Name: Stream:

Read the following instructions carefully

1. The paper has **two** sections: A and B.
2. All the working for both sections A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
4. **Calculators** are not allowed in the examination room.
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. **Do not fill anything in boxes indicated:**
"For Examiners' Use Only" and those inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-5		
6-10		
11-15		
16-20		
21-22		
23-24		
25-26		
27-28		
29-30		
31-32		
Total		

SECTION A: (40 Marks)

1. Subtract: $224 - 11$

2. Given that $T = \{1, 2, 3\}$. How many subsets are in set T?

3. Simplify: $3m - 4m + 7m$.

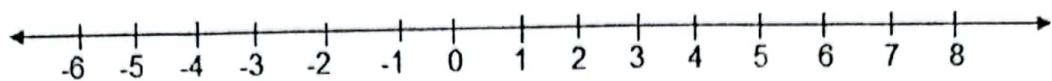
4. Find the next **two** numbers in the sequence below.

$2, 3, 5, 7, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

5. Simplify: $5 - \frac{1}{4}$

6. If  represents 7 boxes. Draw pictures to represent 42 boxes.

7. Work out: $3 - 6$ using a number line below.



8. Write 449 in Roman numerals.

9. A forty five minute discussion started at 9:15a.m. At what time did the discussion end?

10. Using a pencil, a ruler and a pair of compasses only construct an angle of 30° .

11. If today is Wednesday, what day of the week will it be after 26 days from now?

12. Decrease 6000 by 20 %

13. Find the 20th triangular number.

14. A die was tossed once. What was the probability that an even number showed up?

15. How many half litre bottles can one obtain from a 5 litre jerrycan?

16. Work out $(24 \div 4) + (8 \div 4)$ using distributive property.

17. A car moved at a speed of 60km/hr in 3 hours. What distance did it cover?

18. Expand 964 using values.

19. Calculate the supplementary angle of 65° .

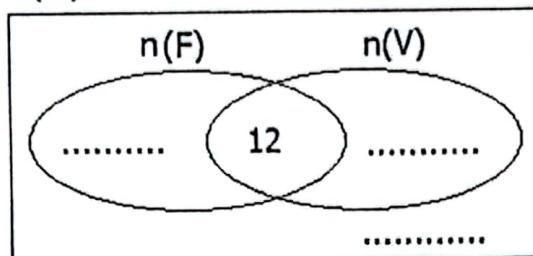
20. Patricia is twice as old as Edwin. Given that the product of their age is 32years. How old is Edwin?

SECTION B: (60 Marks)

21. In a group of 28 pupils, k boys like playing football (F) only, 8 boys like playing volleyball (V) only, 12 like playing both games while 3 like playing neither of the two.

a) Show the information above on the Venn diagram below. **(3 marks)**

$$n(\varepsilon) = 28$$



b) If a child is chosen to represent the class. What is the probability that he likes only one type of food? **(2 marks)**

22. Odoi spends $\frac{2}{3}$ of his pocket money on food, $\frac{1}{4}$ of the remainder on rent and saved the rest.

a) What fraction of his pocket money does he save? **(2 marks)**

b) If he saves sh. 20,000, calculate his pocket money. **(3 marks)**

23. Study the shopping bill and use it to answer the questions that follow.

Items	Quantity	Unit cost	Amount
Rice	2 kg	Sh.4,500	Sh.
Meat kg	Sh. 10,000	Sh. 25000
Salt	4 kg	Sh.	Sh. 8000
Sugar	3 kg	Sh.	Sh.
Total Expenditure			Sh. 54,000

a) Complete the table below. **(5 marks)**

b) If he went with sh. 60,000, how much was his change? **(1mark)**

24. Given that $y = x+2$. Complete the table. **(5 marks)**

X	3	2	1	-5
Y	-2	4	4

25. In a P.7 class, there are 30% more boys than girls.

a) What is the percentage for girls? **(2marks)**

b) If there are 200 pupils in the class, how many boys are there?

(3 marks)

26. a) Add: 221 three + 11 three **(2 marks)**

b) Given that $58_k = 104_{\text{seven}}$, find the value of k **(3marks)**

27. a) Simplify: $\frac{1}{2} - \frac{1}{3} + \frac{1}{4}$ **(2 marks)**

b) Workout: $\frac{0.06 \times 0.12}{0.48 \times 0.3}$ **(3 marks)**

28. The sum of 3 consecutive even numbers is 24. If the first number is p.
a) Find the value of p. **(3 marks)**

b) Calculate their range. **(2 marks)**

29. The table below shows the scores of a group of pupils in a class.

Marks	80	60	90	70
No. of pupils	2	3	1	4

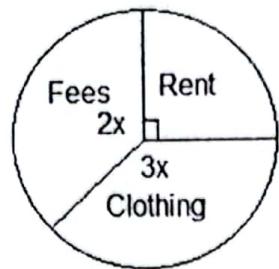
a) How many pupils did the test? **(2 marks)**

b) Calculate the average mark. **(3 marks)**

30. Kenan is three times as old as Keron. Four years ago, the difference in their age was 21years. How old Is Eddy? **(5 marks)**

31. Using a ruler, a pencil and a pair of compasses only construct triangle ABM in which angle ABM= 60° ,angle BAM= 45° and side AB= 7cm. Drop a perpendicular line from point M to meet line AB at X. **(5 marks)**

32. The pie-chart below shows Pablo's monthly expenditure



- a) Find the value of x **(2 marks)**
- b) If he spends sh.36,000 on fees, find his total monthly expenditure. **(2 marks)**

END



HILLSIDE PRIMARY SCHOOL
PRE REGISTRATION EXAMINATIONS
2024
INTEGRATED SCIENCE (SET ONE)

Time Allowed: 2 Hours 15 Minutes

Name.....

Date

Stream.....

Read the following instructions carefully

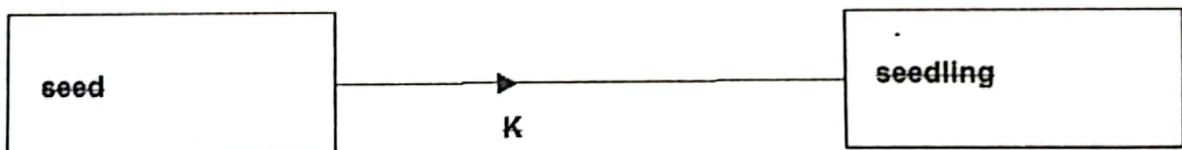
1. The paper has **two sections: A and B.**
Section A has 40 questions and Section B has 15 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A:

1. Name the type of soil that has large and rough particles.
.....
2. Mention the component of air that enables plants to make proteins.
.....
3. How can the quality of local breeds of animals be improved?
.....
4. Which method is used to recover salt from its solution?
.....
5. Give any one importance of osmosis to a plant.
.....
6. Identify any use of essential drugs.
.....

The diagram below shows a biological change. Use it to answer the questions 6 and 7.



7. What is the biological process at K?

8. State the role of oxygen to the biological process at K.

.....

9. How are halteres useful to an insect?

.....

10. Which body organ is greatly damaged by meningitis?

.....

11. What role does bacteria play in the food chain?

.....

.....

12. Why should a health facility have a clinical thermometer?

.....

.....

13. What scientific term is used to refer to the end product of proteins?

.....

.....

14. How is the cotyledon useful to a germinating maize grain?

.....

.....

15. Name one essential mineral salt promotes the proper growth of the teeth.

.....

.....

16. Suggest any one advantage of artificial insemination.

17. Mention any one common primary sex characteristic in boys and girls

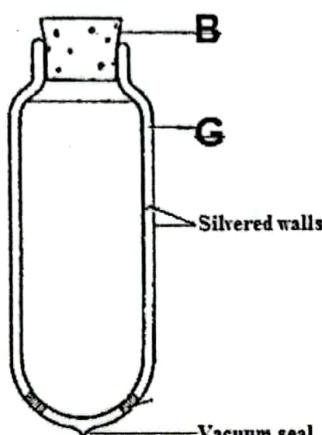
.....
.....

18. Why do farmers prefer rearing cross breeds animals to exotic breeds of animals?

.....
.....

Study the diagram below and use it to answer the questions

19 and 20.



19. Give the function of part marked with letter B.

.....
.....

20. What method of heat transfer is not controlled by part marked with letter G?

.....

21. Why can't a nail float on water?

.....
.....

22. Give any one conserving plants as resources in the environment.

.....

23. State the best way an adolescent girl can avoid getting teenage pregnancy.

.....

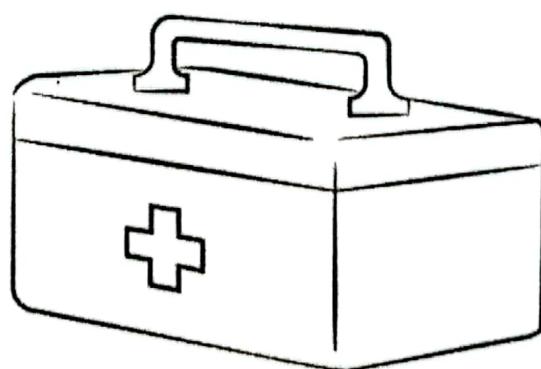
24. Mention any one way how seed dispersal is important to plants.

.....

25. What is the importance of a screen on a ventilated improved pit latrine?

.....
.....

Use the diagram below to answer the question 26 .



26. How useful is the above equipment to a school?

.....

27. How does crop rotation control crop pests?

.....
.....

28. Give the intestinal worm people get when they eat half cooked.

.....
.....

29. What is transpiration?

.....
.....

30. How is the propagation of bananas different from that of Irish
potatoes?

.....
.....

31. Where does fertilization take place in human beings?

.....
.....

32. What happens to the volume of a liquid when it freezes?

.....
.....

33. How is sound produced by a school bell reach the ears of the
learners?

.....
.....

34. Odeke was given a contract to supply milk to Kyamate
Primary School, identify the type of cattle that should be reared.

.....

35. Mention any one example a poultry vice whose control is debeaking.
-

36. State any one way of controlling diphtheria in infants.
-

The diagram below shows a method of making a temporary magnet. Study and use it to answer questions 37 and 38.



37. Name the farm tool shown above.
-

38. What is the importance of the above tool in livestock management?
-

39. State any one danger of uncontrolled bush burning in the environment.
-

40. Mention one importance of dipping animals in acaricides.
-

SECTION B:

41. (a) Write brief notes on each of the following terms;

(i)Soil texture

.....
.....

(ii)Soil exhaustion

.....
.....

(b) How does mulching of crops promote the following;

(i)Conservation of soil moisture

.....
.....

(ii)Improving soil fertility

.....

42(a) Why can't sound travel through a vacuum?

.....
.....

(b) Mention any two factors that affect the pitch of sound.

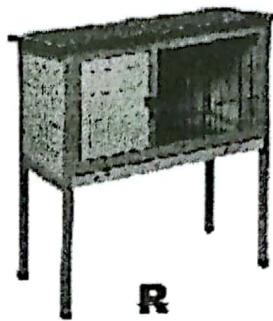
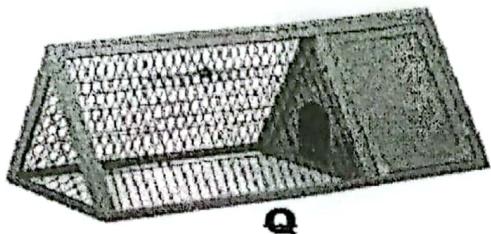
(i)

(ii)

(c) How is reflection of sound important to some animals?

.....
.....

43. The diagram below shows rabbit hutches. Study them carefully and answer the questions that follow.



(a) Name the rabbit hutches marked with letters Q and R.

Q

R

(b) Give one importance of a wire mesh on the rabbit hutch Q.

.....
.....

(c) State one advantage of rearing rabbits over cattle.

.....
.....

44(a) What is photosynthesis?

.....
.....

(b) Mention two raw materials for photosynthesis.

(i)

(ii)

(c) State any one adaptation that enables plants to carryout photosynthesis .

.....

45. Study the table below and fill in the gaps

Part of the body	Enzyme produced	Food acted upon
.....	Salivary amylase	Carbohydrates
Stomach	Proteins
Duodenum	Lipase
.....	Maltase	Maltose

46(a) Identify any two ways how heat energy affect matter.

(i)

(ii)

(b) Give a reason why molecules of a solid state are closely packed together

.....

.....

(c) State any one characteristic of matter.

.....

47 (a) Mention two groups of warm blooded vertebrates.

(i)

(ii)

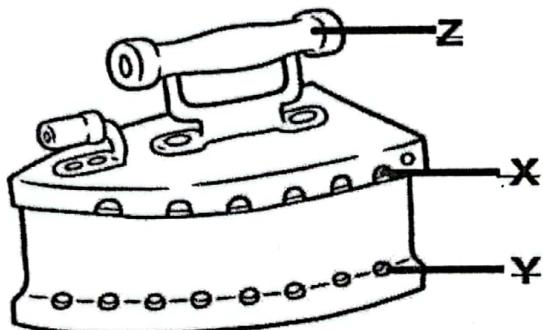
(b) How are cetaceans adapted to their environment they live in?

.....
.....

(c) Apart from having a backbone, why is a lion grouped under vertebrates?

.....

48. The diagram below shows a tool used at home. Study it and answer questions that follow.



(a) Name the tool shown above.

.....
.....

(b) Why is part marked with letter Z made of an insulator?

.....
.....

(c) Identify the fuel used in the above tool.

.....

(d) State the functional difference between hole X and hole Y.

.....
.....

49 (a) Define the term drug abuse.

.....
.....

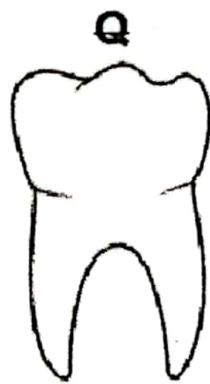
(b) Identify any two danger effects of drug abuse to a pregnant mother.

- (i)
- (ii)

(c) State any one way how a p.6 student can resist temptations of drug abuse

.....
.....

50. The diagram below shows the types of teeth. Use it to answer questions that follow.



(a) Give the function of tooth marked with letter P.

.....

(b) How are teeth marked with letters P and Q suitable to perform their functions?

(i) P

(ii) Q

(c) State any one disorder of teeth.

51.(a) Identify any two signs of coccidiosis in poultry.

(i)

(ii)

(b) Write down any one viral disease in poultry.

(c) How can fowl vices be controlled in poultry?

52.a) Identify any one vaccine administered to a baby at three and a half months.

b) Give any two ways of acquiring natural immunity.

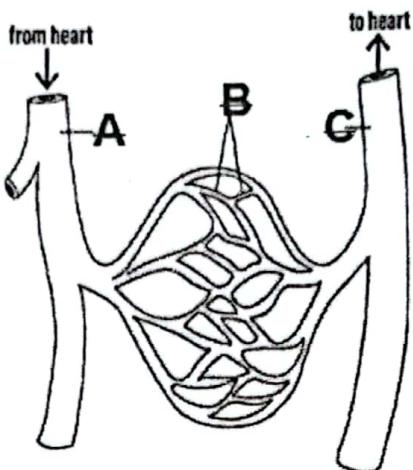
(i)

(ii)

c) State one importance of a child health card to the parents

.....
.....

53. Study the diagram below and use it to answer the questions that follow.



a) Name the blood vessel marked with letters A and C.

A

C

b) State any one structural difference between blood vessel C and blood vessel A.

.....

c) How is the blood vessel marked with letter B useful in the body?

.....

.....

54(a) Give two local ways of preserving food.

(i)

(ii)

(b) Suggest any two ways of preventing food contamination..

(i)

(ii)

55. Match the diseases to their germs correctly.

A

(i) Sleeping sickness

(ii) Riverblindness

(iii) Elephantiasis

(iv) Bilharziasis

B

Schistosoma.

Trypanosoma

Onchocerca volvulus

Filarial worm

(i) Sleeping sickness

(ii) Riverblindness

(iii) Elephantiasis

(iv) Bilharziasis

END